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**FACSIMILE COVER SHEET**

DATE: May 4, 2005  
TO: Examiner Louis M. Arana  
COMPANY OR FIRM: PTO  
FACSIMILE NO.: (703) 872-9306  
FROM: Beth Pearson-Naul for Kaushik P. Sriram  
RE: Serial No.: 10/828,812  
Docket No.: 414-26579-USC  
Title: "NMR Downhole Processor for Controlling the RF Field"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 34

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**REFAX**

This is a re-fax from May 4, 2005. The information on transmittal (Serial No. 11/078,529, Docket No. 584-40872-US, etc.) was incorrect.

Response to Office Action Dated February 4, 2005; two (2) new sheets of drawings (Fig. 5 and 6); Information Disclosure Statement and one article

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Beth Pearson-Naul

IN RE APPLICATION OF:  
Kruspe et al.

Serial No: 10/828812

Filed: April 21, 2004

Title: NMR Downhole Processor for  
Controlling the RF Field

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Docket No: 414-26579-USC

Art Unit: 2859

Examiner: Arana, Louis M

Confirmation No. 7285

**RESPONSE TO OFFICE ACTION OF FEBRUARY 4, 2005**

This is in response to the office action of February 4, 2005. Reconsideration of the application as amended is respectfully requested. Amendments to the specifications start on page 2 of this document. No claim amendments are being made. Remarks start on page 6 of this document.

10/828812

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